

e-Tools for Brownfields

¹Kathy Antencio, ²Terrie Boguski, ²Ryan Green, ²Blase Leven, ²Nancy Leathers, ²Sabine Martin,

¹Tony Selle, ²Brandon Utech, and ³Elly Walkowiak

¹EPA Region 8, ²Kansas State University, and ³City of Des Moines

Brownfields Inventory Site Manager

The Brownfields Inventory Site Manager is a software application designed to manage Brownfields site data. It features a user-friendly interface with various data entry screens and report generating options.

Inventory Site Manager

EPA Region 8 finished and distributed Version 1.0 in July of 2004, with help from the TAB and TOSNAC programs at Kansas State University.

The Vision

To provide an easy to use Brownfields Inventory Database management application with integrated GIS mapping capabilities and links to state and nationwide databases for use by communities, tribes, and state agencies.

What can you do with the Brownfields Database Manager?

- manage Brownfields site data—if installed on P.C.s before March 2005 (not compatible with recent Windows updates);
- generate Brownfields property profile forms, public record form, and other relevant Brownfields forms;
- store information regarding multiple Brownfields sites (i.e. site assessment, characterization, and cleanup data; sampling results; reuse data; etc.);
- generate maps by exporting data;

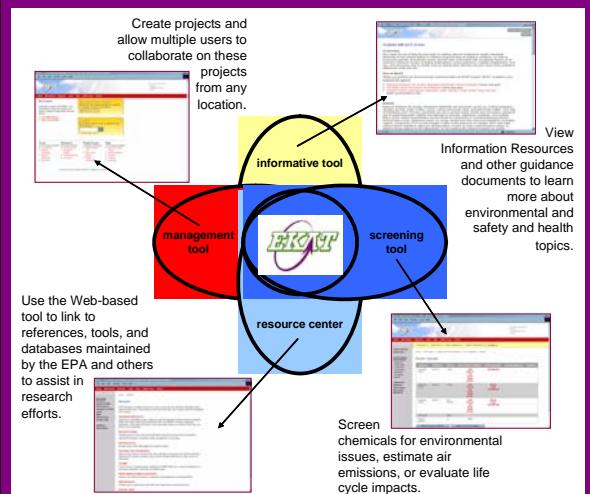
Planned Upgrades to Brownfields Database Manager

A proposal was submitted to EPA on 4/29/05 to upgrade and repair the Brownfields Inventory Database application. If funded, the new version will be:

- compatible with current versions of WINDOWS, including recent and future updates;
- linked to state and nationwide databases; and
- providing built-in GIS mapping capabilities and environmental decision making applications

The Environmental Knowledge and Assessment Tool (EKAT)

Kansas State University, Center for Hazardous Substance Research – Urban Operations Environmental Laboratory



Funding for the development of EKAT was given by the United States Marine Corps. For more information about EKAT, please contact us at ekat@ksu.edu or visit www.ekat-tool.com.

Des Moines GIS Web-based Inventory

Des Moines Web-based Inventory

Background Information

The City of Des Moines used EPA funding to perform hundreds of limited Phase I environmental site assessments in 14 areas of Des Moines which have the best redevelopment potential. Such a broad coverage is the first of its kind. Kansas State University, with input from Des Moines, developed a GIS-based inventory to catalog the Phase I assessment results and other real estate information, which will reside on the city's web site.

Purpose of the GIS-based inventory

- remove barriers to reinvestment
- minimize time delays and misconceptions regarding redevelopment of sites
- facilitate collaboration among property owners, potential investors, lenders, and real estate professionals.

What information is available from the web site?

- orthophotos of the City of Des Moines with identification of the 14 redevelopment areas
- location of parcels within the respective redevelopment areas
- information regarding parcels
 - Assessed value and property tax information (link to county assessors office)
 - Phase I environmental assessment report
- ability to search for parcels that meet certain criteria, i.e. size, address, current or historic use, etc.

The finished web site will be installed on the city's server within the next two months.